

# A & L WESTERN AGRICULTURAL LABORATORIES

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REPORT NUMBER: 14-136-158

CLIENT NO: 5441-D

SEND TO: TERRA RENEWAL  
12812 VALLEY VIEW #9  
GARDEN GROVE, CA 92845

SUBMITTED BY: CHRIS MARKS

CUSTOMER: MERCED

LAB NO: 26968

DATE: 05/22/2014

## ORGANIC FERTILIZER REPORT

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SAMPLE ID	REPORT OF ANALYSIS IN PERCENT									REPORT OF ANALYSIS IN PARTS PER MILLION						
	Nitrogen N	Phosphorus P	Phosphate P <sub>2</sub> O <sub>5</sub>	Potassium K	Potash K <sub>2</sub> O	Sulfur S	Magnesium Mg	Calcium Ca	Sodium Na	Iron Fe	Aluminum Al	Manganese Mn	Copper Cu	Zinc Zn	B	
SANTA CRUZ	4.47	3.02	6.92	0.110	0.133	1.510	0.410	4.700	0.130	28780	15670	965	543	1135	13.0	

SAMPLE ID	POUNDS OF NUTRIENTS / TON															
	Nitrogen N	Phosphorus P	Phosphate P <sub>2</sub> O <sub>5</sub>	Potassium K	Potash K <sub>2</sub> O	Sulfur S	Magnesium Mg	Calcium Ca	Sodium Na	Iron Fe	Aluminum Al	Manganese Mn	Copper Cu	Zinc Zn	B	
SANTA CRUZ	89.4	60.4	138.4	2.2	2.7	30.2	8.2	94.0	2.6	57.6	31.3	1.9	1.1	2.3	<0.1	

☐ Reported on an as-received basis      Moisture =

☒ Reported on a dry basis      Moisture = 76.78%

**Remarks:** To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 8.3  
C:N Ratio = 4:1  
Soluble Salts = 2.3 dS/m  
Organic Matter = 36.71 %  
Ammonia Nitrogen = 0.156 %  
Nitrate Nitrogen = <0.003 %  
Chloride = 0.38 %  
Organic Nitrogen = 4.31 %  
Volatile Solids = 36.71 %

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This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

  
Robert Butterfield

A & L WESTERN LABORATORIES, INC.

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